## **Acceptance Test Requirements Matrix for LVT(1)**

March 19, 2015

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3.2.1.1.1.21.1.d       T         3.2.1.1.1.21.1.1       RF pulse spectrum         T       T         3.2.1.1.1.21.1.1.a       T         3.2.1.1.21.1.1.b       T         3.2.1.1.1.21.1.1.c       T         Limited to Exercise and Combat modes only. 100/50 and 100/20 modes not		+		оссерсия:
3.2.1.1.1.21.1.1       RF pulse spectrum       T         3.2.1.1.1.21.1.1.a       T         3.2.1.1.1.21.1.1.b       T         3.2.1.1.1.21.1.1.c       T         Limited to Exercise and Combat modes only. 100/50 and 100/20 modes not			<b>+</b>	
3.2.1.1.1.21.1.1.a T 3.2.1.1.1.21.1.1.b T 3.2.1.1.1.21.1.1.c T  Limited to Exercise and Combat modes only. 100/50 and 100/20 modes not		RF pulse spectrum		
3.2.1.1.1.21.1.1.b         T           3.2.1.1.1.21.1.1.c         T           Limited to Exercise and Combat modes only. 100/50 and 100/20 modes not		paise spectrum	1	
3.2.1.1.1.21.1.1.c T Limited to Exercise and Combat modes only. 100/50 and 100/20 modes not				
Limited to Exercise and Combat modes only. 100/50 and 100/20 modes not				
TDMA transmission only. 100/50 and 100/20 modes not	5.2.1.1.1.21.1.1.0		-	Limited to Exercise and Combat modes
		TDMA transmission		
5.Z.1.1.1.ZZ   COMPANINTY CAPADMILY	3.2.1.1.1.22	compatibility capability	Т	required.

SSS Section		_	
Reference	Title	Verification	Notes
		Method	Notes
3.2.1.1.1.22.1.2	1030/1090 MHz emissions	T	
3.2.1.1.1.22.1.2.a	ļ	T -	
3.2.1.1.1.24.2	Error rates	Т	Limited to benign RF environment only.
3.2.1.1.2 (If			
applicable)	TACAN mode	Т	
3.2.1.1.2.b (If			Limited to 25% transmit and 25% receive
applicable)		Т	TDMA duty cycle only.
3.2.1.1.2.c (If			
applicable)		Т	
3.2.1.1.2.d (If			
applicable)		Т	
3.2.1.1.2.1 (If			
applicable)		Т	Limited to TACAN beacon only.
3.2.1.1.2.1.b (If			
applicable)		Т	Limited to TACAN beacon only.
3.2.1.1.2.1.c (If			Worst case tolerance additions need not
applicable)		Т	be tested.
3.2.1.1.2.1.c.1 (If			
applicable)		Т	
3.2.1.1.2.1.c.6 (If			
applicable)		Т	
3.2.1.1.2.1.1 (If			
applicable)	Identification	Т	
3.2.1.1.2.1.1.a (If			
applicable)		Т	Limited to aural tone only.
3.2.1.1.2.2 (If			Limited to transmit and receive
applicable)	Air-to-air capability	Т	configuration only.
3.2.1.1.2.2.b (If			,
applicable)		Т	
3.2.1.1.2.2.b.1 (If			
applicable)		Т	
3.2.1.1.2.2.b.6 (If			
applicable)		Т	
3.2.1.1.2.3.1a (If			
applicable)	Transmission	Т	
		-	Station identification through the data bus
			interface not required. Verification to be
3.2.1.1.2.5 (If	TACAN host information		performed through information contained
applicable)	exchange capability	Т	in FOM21.
аррионано)	exercing capacital		Verification to be performed consistent
			with ATP testing. Data retention of 30
3.2.1.2.1.1	Data retention capability	Т	days or 48 hours not required.
3.2.1.2.1.3	Cryptovariable erase capability	T	and the state of t
3.2.3.1	Data bus interface description	T	Limited to variation 1 only.
3.2.3.1.c	Data bus interface description	T	Limited to variation 1 only.
	Gonoral rules		Limited to variation 1 only.
3.2.3.1.1	General rules	T	Limited to variation 1 only.
3.2.3.1.1.3.8	Bit initiate		
3.2.3.1.1.3.9	TDMA NOGO	Т	

SSS Section			
Reference	Title	Verification	Notes
3.2.3.1.2	Avionics data bus interface	Method T	
3.2.3.1.2.1	MIL-STD-1553B	T T	Limited to variation 1 only.
5.2.3.1.2.1			
222	Suppression signal interface	_	
3.2.3.2	description	Т	Lineite dan singal agenting substitution
2221-		_	Limited to signal operation only. Timing
3.2.3.2.1.a		Т	parameter measurements not required.
222241		_	Limited to signal operation only. Timing
3.2.3.2.1.b		Т	parameter measurements not required.
2224		_	Limited to signal operation only. Timing
3.2.3.2.1.c		Т	parameter measurements not required.
			Limited to signal operation only. Timing
3.2.3.2.1.e		Т	parameter measurements not required.
			Limited to signal operation only. Timing
3.2.3.2.1.f		Т	parameter measurements not required.
3.2.3.2.2.a		T	
3.2.3.2.2.b		Т	
3.2.3.2.2.c		Т	
3.2.3.3.c		Т	
3.2.3.3.d		Т	
3.2.3.6 (If			
applicable)	TACAN interface description	Т	To include the PANAVIA interface.
3.2.3.6.c (If			
applicable)		Т	
	Timing signal interface		
3.2.3.7.2	description -mode 2	Т	
	Time synchronization and input		
3.2.3.7.2.1	interface	Т	
			Verification of synchronization between
	Time synchronization and		FOM08 and time strobe pulse not
3.2.3.7.2.2	output interface	Т	required.
3.2.3.12 (If	·		Verification of 2.4 kbps voice interface not
applicable)	Voice interface description	Т	required.
3.2.3.12.2 (If			·
applicable)	16 kbps voice analog interface	Т	
,	1 0		Erasure of cryptovariables via a zeroize
3.2.3.13.1	SDU zeroize interface	Т	command from the MUX bus not required.
3.2.3.13.2	Terminal power on interface	T	
3.2.3.13.3	Terminal standby interface	T	
3.2.3.14	Status interface	T	
3.2.3.14.2	Reception detect	T	
5.2.5.17.2	neception detect	<del>                                     </del>	Limited to signal operation only. Timing
3.2.3.14.3	Output power level	Т	parameter measurements not required.
3.2.3.14.3	Output power level	'	Limited to mode B and signal operation
	Advance slot notification		= ;
222145		_	only. Timing parameter measurements not
3.2.3.14.5	interfaces  Active receive indication	Т	required.
222147	Active receive indication	_	
3.2.3.14.7	interface	T	
3.2.3.14.8	IFF emergency switch interface	Т	

## Attachment I

SSS Section		Verification	
Reference	Title	Method	Notes
3.2.4.3	Weight	Т	
3.2.4.4	Color	1	
3.2.4.4.a		1	
3.2.4.5	Mounting provisions	Т	
3.2.5.2.5	Maintainability design criteria	T	
			Verify Part Number, Serial Number, status
			of cumulative operating hours and the
3.2.5.2.5.i		Т	number of times the SRU has been
			switched from off to any other state.
			Verification of no more than one out of
			every 100 failures detections shall be false
3.2.5.2.6	Built-in tests	Т	alarm" not required. "
			Verification of completion of start-up BIT
3.2.5.2.6.1	Start-up BIT	Т	in fifteen seconds not required.
			Verification of the 12 second reporting
			requirement or the detection requirement
3.2.5.2.6.2	Operational BIT	Т	not required
3.2.5.2.6.3	Manually initiated BIT	Т	
	Environmental stress screening		
3.3.1.3	(ESS)	Т	
3.3.3. a		1	
3.3.3 b		1	
3.3.3 c		1	
3.3.3 d		I	
3.3.3 e		I	
3.3.3 f		1	
3.3.3 g		1	
3.3.4	Workmanship	1	